

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Scott F. Sneddon, John L. Kane, Bradford H. Hirth, Fred Vinick, Shuang Qiao, Sharon R. Nahill, John M. Williams and Hans-Peter Biemann
Application No.: 10/797,244 Group: 1624
Filed: March 10, 2004 Examiner: Venkataraman Balasubramanian
Confirmation No.: 2987
For: MODULATORS OF TNF- α SIGNALING

CERTIFICATE OF MAILING OR TRANSMISSION

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as First Class Mail in an envelope addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, or is being facsimile transmitted to the United States Patent and Trademark Office on:

11/17/05

Date

Signature

Andrea Brigham
Typed or printed name of person signing certificate

REQUEST FOR CORRECTION/AMENDMENT OF INVENTORSHIP

UNDER 37 C.F.R. §1.48(a) AND 37 C.F.R. §1.48(b)

Mail Stop Issue Fee
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

37 C.F.R. § 1.48(b)

Applicants request that the inventorship be corrected and the above-captioned application, including page 1 of the specification, be amended to delete Bradford H. Hirth and Shuang Qiao as inventors under 37 C.F.R. § 1.48(b).

The deletion of Bradford H. Hirth and Shuang Qiao as a co-inventor is the result of the amendment to the claims. The inventors' invention is no longer being claimed in the instant nonprovisional application.

A check for the processing fee as set forth in 37 C.F.R. § 1.17(i) in the amount of \$130.00 is enclosed.

11/22/2005 SDENB02 00000007 10797244

01 FC:1464

130.00 OP

37 C.F.R. § 1.48(a)

Applicants request that the inventorship be corrected and the above-captioned application, including page 1 of the specification, be amended to add Andrew Janjigian as inventor under 37 C.F.R. § 1.48(a).


Enclosed herewith are the following documents: Statement under 37 CFR §1.48(a)(2) by Andrew Janjigian; an executed Declaration by the actual inventors as required by §1.63; Written Consent of the Assignee to the inventorship change with Statement under §3.73(b); and a check in the amount of \$130.00 in payment of the processing fee as set forth in §1.17(i).

With such amendments, Scott F. Sneddon, John L. Kane, Fred Vinick, Sharon R. Nahill, John M. Williams, Hans-Peter Biemann and Andrew Janjigian are the joint inventors of the subject application.

Please charge any deficiency or credit any overpayment in the fees that may be due in this matter to Deposit Account No. 08-0380. A copy of this letter is enclosed for accounting purposes.

Respectfully submitted,

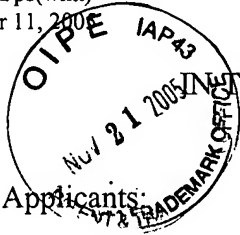
HAMILTON, BROOK, SMITH & REYNOLDS, P.C.

By 

Steven G. Davis
Registration No.: 39,652
Telephone: (978) 341-0036
Facsimile: (978) 341-0136

Concord, MA 01742-9133

Date: November 17 2001



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants:

Scott F. Sneddon, John L. Kane, Bradford H. Hirth, Fred Vinick, Shuang
Qiao, Sharon R. Nahill, John M. Williams and Hans-Peter Biemann

Application No.: 10/797,244

Group: 1624

Filed: March 10, 2004

Examiner: Venkataraman Balasubramanian

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11/17/05	<i>Sandra Brigham</i>
Date	Signature
SANDRA BRIGHAM	
Typed or printed name of person signing certificate	

STATEMENT UNDER 37 C.F.R. § 1.48(a)(2) by Andrew Janjigian

Mail Stop Issue Fee
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

I, Andrew Janjigian, 33 Lawrence Street #2, Cambridge, Massachusetts 02139, hereby state that I am a co-inventor with Scott F. Sneddon, John L. Kane, Fred Vinick, Sharon R. Nahill, John M. Williams and Hans-Peter Biemann of the subject matter claimed in the above-captioned application as filed. The error of omitting my name as a co-inventor occurred without deceptive intention on my part.

Name 

11/14/05
Date



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Scott F. Sneddon, John L. Kane, Bradford H. Hirth, Fred Vinick, Shuang Qiao, Sharon R. Nahill, John M. Williams and Hans-Peter Biemann

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<u>11/17/05</u> Date	<u>Sandra Brueheim</u> Signature
<u>SANDRA BRUEHEIM</u> Typed or printed name of person signing certificate	

WRITTEN CONSENT OF ASSIGNEE IN CORRECTION OF INVENTORSHIP
UNDER 37 C.F.R. §1.48(a)(5)

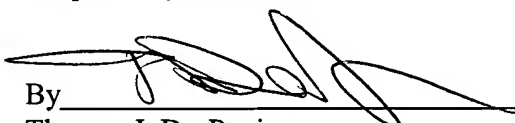
Mail Stop Issue Fee
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Genzyme Corporation is the assignee of the entire right, title and interest in the referenced patent application and does hereby consent to the addition of Andrew Janjigian as an inventor in the application.

A Statement under 37 C.F.R. § 3.73(b) is being filed concurrently with this Written Consent.

Respectfully submitted,

By 
Thomas J. DesRosier
Senior Vice President, General Counsel
Genzyme Corporation

Cambridge, Massachusetts 02142
Date: **November 14, 2005**

STATEMENT UNDER 37 C.F.R. § 3.73(b)

Inventor(s): Scott F. Sneddon, John L. Kane, Bradford H. Hirth, Fred Vinick, Shuang Qiao, Sharon R. Nahill, John M. Williams
and Hans-Peter Biemann

Application No./Patent No.: 10/797,244 Filed/Issue Date: March 10, 2004

For: MODULATORS OF TNF- α SIGNALING

Genzyme Corporation, a corporation
(Name of Assignee) (Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is

- A. ☒ the assignee of the entire right, title and interest in the patent application identified above; or
- B. ☐ an assignee together with [] of the entire right, title and interest in the patent application identified above.

The right, title and interest of the above-named assignee in the patent application identified above is established by virtue of:

- A. ☒ An assignment from the inventor(s) of the patent application identified above. The assignment was recorded in the Patent and Trademark Office at Reel 012163, Frames 0001-0006, or a copy thereof is attached.

OR

- B. ☐ A chain of title from the inventor(s) of the patent application identified above, to the current assignee as shown below:

1. From: _____ To: _____
The document was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or a copy thereof is attached.
2. From: _____ To: _____
The document was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or a copy thereof is attached.
3. From: _____ To: _____
The document was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or a copy thereof is attached.

☐ Additional documents in the chain of title are listed on a supplemental sheet.

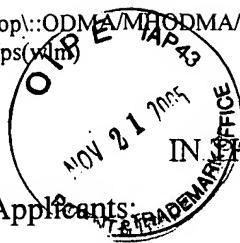
The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

Signature: 

Name: Thomas J. DesRosier

Title: Senior Vice President, General Counsel

Date: November 14, 2005



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Scott F. Sneddon, John L. Kane, Bradford H. Hirth, Fred Vinick, Shuang Qiao, Sharon R. Nahill, John M. Williams and Hans-Peter Biemann

Application No.: 10/797,244

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Filed: March 10, 2004

Examiner: Venkataraman Balasubramanian

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11/17/05	<i>Audria Brigham</i>
Date	Signature
<i>Audria Brigham</i>	
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37 C.F.R. § 1.48(a)

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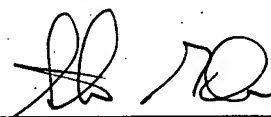
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With such amendments, Scott F. Sneddon, John L. Kane, Fred Vinick, Sharon R. Nahill, John M. Williams, Hans-Peter Biemann and Andrew Janjigian are the joint inventors of the subject application.

Please charge any deficiency or credit any overpayment in the fees that may be due in this matter to Deposit Account No. 08-0380. A copy of this letter is enclosed for accounting purposes.

Respectfully submitted,

HAMILTON, BROOK, SMITH & REYNOLDS, P.C.

By 

Steven G. Davis

Registration No.: 39,652

Telephone: (978) 341-0036

Facsimile: (978) 341-0136

Concord, MA 01742-9133

Date:

November 17, 2005



DOCKET NO. 2478.1002-016

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Declaration for Patent Application

[X] Supplemental (37 C.F.R. §1.67)

As a named inventor, I hereby declare that:

My residence, mailing address and citizenship are as stated next to my name;

I believe I am the original, first and sole inventor (if only one name is listed) or an original, first and joint inventor (if plural names are listed in the signatory page(s) commencing at page 2 hereof) of the subject matter which is claimed and for which a patent is sought on the invention entitled

MODULATORS OF TNF- α SIGNALING

the specification of which (check one)

- [] is attached hereto.
- [X] was filed on March 10, 2004 as United States Application Number 10/797,244.
- [] was filed on [PCT Filing Date] as PCT International Application No. [PCT Appl'n No.] [and assigned United States Application No. []].
- [] and was amended on [] (if applicable).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 C.F.R. §1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby expressly authorize the filing of an International Patent Application under the Patent Cooperation Treaty which corresponds to and claims the priority of the above-identified application.

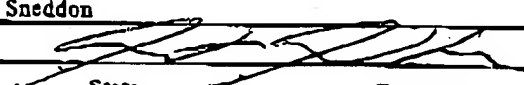
I hereby claim foreign priority benefits under 35 U.S.C. 119 or 365 of any foreign application(s) for patent or inventor's certificate, or of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or of any PCT international application having a filing date before that of the application on which priority is claimed:

<u>Prior Foreign Application(s)</u>			Priority Not Claimed	Certified Copy Filed?	
				YES	NO
(Number)	(Country)	(Day/Month/Year filed)	[]	[]	[]
(Number)	(Country)	(Day/Month/Year filed)	[]	[]	[]
(Number)	(Country)	(Day/Month/Year filed)	[]	[]	[]

-2-

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole
or first inventor Scott F. Sneddon

Inventor's Signature 

Residence: City

State

Country

Citizenship

Salem

Massachusetts

USA

USA

Mailing Address (Business or Residential)

Street or P.O. Box 38 Washington Square South

City

State

ZIP

Country

Salem

Massachusetts

01970

USA

Full name of second
joint inventor, if any

John L. Kane

Inventor's Signature

Residence: City

State

Country

Citizenship

Maynard

Massachusetts

USA

USA

Mailing Address (Business or Residential)

Street or P.O. Box 10 O'Moore Avenue

City

State

ZIP

Country

Maynard

Massachusetts

01754

USA

Full name of third
joint inventor, if any

Fred Vinick

Inventor's Signature

Residence: City

State

Country

Citizenship

Lexington

Massachusetts

USA

USA

Mailing Address (Business or Residential)

Street or P.O. Box 5 Litchfield Road

City

State

ZIP

Country

Lexington

Massachusetts

02420

USA

Full name of fourth
joint inventor, if any

Sharon R. Nahill

Inventor's Signature

Residence: City

State

Country

Citizenship

Belmont

Massachusetts

USA

USA

Mailing Address (Business or Residential)

Street or P.O. Box 21 Vincent Avenue

City

State

ZIP

Country

Belmont

Massachusetts

02478

USA

Full name of fifth
joint inventor, if any John M. Williams

Inventor's Signature _____

Residence: City State Country Citizenship

Hopkinton	Massachusetts	USA	USA
-----------	---------------	-----	-----

Mailing Address (Business or Residential)

Street or P.O. Box 8 Stonegate Road

City	State	ZIP	Country
Hopkinton	Massachusetts	01748	USA

Full name of sixth
joint inventor, if any Hans-Peter Biemann

Inventor's Signature _____

Residence: City State Country Citizenship

Cambridge	Massachusetts	USA	USA
-----------	---------------	-----	-----

Mailing Address (Business or Residential)

Street or P.O. Box 987 Memorial Drive, #572

City	State	ZIP	Country
Cambridge	Massachusetts	02138	USA

Full name of seventh
joint inventor, if any Andrew Janjigian

Inventor's Signature _____

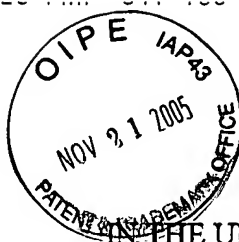
Residence: City State Country Citizenship

Cambridge	Massachusetts	USA	USA
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Mailing Address (Business or Residential)

Street or P.O. Box 33 Lawrence Street, #2

City	State	ZIP	Country
Cambridge	Massachusetts	02139	USA



DOCKET NO. 2478.1002-016

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Declaration for Patent Application

☒ [X] Supplemental (37 C.F.R. §1.67)

As a named inventor, I hereby declare that:

My residence, mailing address and citizenship are as stated next to my name;

I believe I am the original, first and sole inventor (if only one name is listed) or an original, first and joint inventor (if plural names are listed in the signatory page(s) commencing at page 2 hereof) of the subject matter which is claimed and for which a patent is sought on the invention entitled

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the specification of which (check one)

- ☐ [] is attached hereto.
- ☒ [X] was filed on March 10, 2004 as United States Application Number 10/797,244.
- ☐ [] was filed on [PCT Filing Date] as PCT International Application No. [PCT Appl'n No.] [and assigned United States Application No. []].
- ☐ [] and was amended on [] (if applicable).

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I hereby expressly authorize the filing of an International Patent Application under the Patent Cooperation Treaty which corresponds to and claims the priority of the above-identified application.

I hereby claim foreign priority benefits under 35 U.S.C. 119 or 365 of any foreign application(s) for patent or inventor's certificate, or of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or of any PCT international application having a filing date before that of the application on which priority is claimed:

<u>Prior Foreign Application(s)</u>			Priority Not Claimed	Certified Copy Filed?	
				YES	NO
(Number) _____	(Country) _____	(Day/Month/Year filed) _____	[]	[]	[]
(Number) _____	(Country) _____	(Day/Month/Year filed) _____	[]	[]	[]
(Number) _____	(Country) _____	(Day/Month/Year filed) _____	[]	[]	[]

-2-

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole or first inventor <u>Scott F. Sneddon</u>			
Inventor's Signature _____			
Residence: City	State	Country	Citizenship
<u>Salem</u>	<u>Massachusetts</u>	<u>USA</u>	<u>USA</u>

Mailing Address (Business or Residential)			
Street or P.O. Box <u>38 Washington Square South</u>			
City	State	ZIP	Country
<u>Salem</u>	<u>Massachusetts</u>	<u>01970</u>	<u>USA</u>

Full name of second joint inventor, if any <u>John L. Kane</u>			
Inventor's Signature <u>[Signature]</u>			
Residence: City	State	Country	Citizenship
<u>Maynard</u>	<u>Massachusetts</u>	<u>USA</u>	<u>USA</u>

Mailing Address (Business or Residential)			
Street or P.O. Box <u>10 O'Moore Avenue</u>			
City	State	ZIP	Country
<u>Maynard</u>	<u>Massachusetts</u>	<u>01754</u>	<u>USA</u>

Full name of third joint inventor, if any <u>Fred Vinick</u>			
Inventor's Signature _____			
Residence: City	State	Country	Citizenship
<u>Lexington</u>	<u>Massachusetts</u>	<u>USA</u>	<u>USA</u>

Mailing Address (Business or Residential)			
Street or P.O. Box <u>5 Litchfield Road</u>			
City	State	ZIP	Country
<u>Lexington</u>	<u>Massachusetts</u>	<u>02420</u>	<u>USA</u>

Full name of fourth joint inventor, if any <u>Sharon R. Nahill</u>			
Inventor's Signature _____			
Residence: City	State	Country	Citizenship
<u>Belmont</u>	<u>Massachusetts</u>	<u>USA</u>	<u>USA</u>

Mailing Address (Business or Residential)			
Street or P.O. Box <u>21 Vincent Avenue</u>			
City	State	ZIP	Country
<u>Belmont</u>	<u>Massachusetts</u>	<u>02478</u>	<u>USA</u>

Full name of fifth
joint inventor, if any John M. Williams

Inventor's Signature _____

Residence: City State Country Citizenship

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Inventor's Signature _____

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City State ZIP Country

Cambridge	Massachusetts	02138	USA
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Full name of seventh
joint inventor, if any Andrew Janjigian

Inventor's Signature _____

Residence: City State Country Citizenship

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<u>(Number)</u>	<u>(Country)</u>	<u>(Day/Month/Year filed)</u>	[]	[]	[]
<u>(Number)</u>	<u>(Country)</u>	<u>(Day/Month/Year filed)</u>	[]	[]	[]

11/16/05 14:57 FAX

GENZYME CORPORATION

003/004

-2-

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Inventor's Signature _____

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Salem	Massachusetts	USA	USA
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Mailing Address (Business or Residential)

Street or P.O. Box 36 Washington Square South

City	State	ZIP	Country
Salem	Massachusetts	01970	USA

Full name of second
joint inventor, if any John L. Kane

Inventor's Signature _____

Residence: City State Country Citizenship

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Street or P.O. Box 10 O'Moore Avenue

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Full name of third
joint inventor, if any Fred Vinick

Inventor's Signature Fred Vinick

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City	State	ZIP	Country
Lexington	Massachusetts	02420	USA

Full name of fourth
joint inventor, if any Sharon R. Nahill

Inventor's Signature _____

Residence: City State Country Citizenship

Belmont	Massachusetts	USA	USA
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Mailing Address (Business or Residential)

Street or P.O. Box 21 Vincennes Avenue

City	State	ZIP	Country
Belmont	Massachusetts	02478	USA

Full name of **fifth**
joint inventor, if any John M. Williams

Inventor's Signature _____

Residence: City State Country Citizenship

Hopkinton	Massachusetts	USA	USA
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Mailing Address (Business or Residential)

Street or P.O. Box 8 Stonegate Road

City	State	ZIP	Country
Hopkinton	Massachusetts	01748	USA

Full name of **sixth**
joint inventor, if any Hans-Peter Biemann

Inventor's Signature _____

Residence: City State Country Citizenship

Cambridge	Massachusetts	USA	USA
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Mailing Address (Business or Residential)

Street or P.O. Box 987 Memorial Drive, #572

City	State	ZIP	Country
Cambridge	Massachusetts	02138	USA

Full name of **seventh**
joint inventor, if any Andrew Janjigian

Inventor's Signature _____

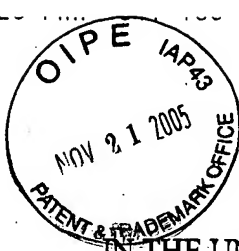
Residence: City State Country Citizenship

Cambridge	Massachusetts	USA	USA
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Mailing Address (Business or Residential)

Street or P.O. Box 33 Lawrence Street, #2

City	State	ZIP	Country
Cambridge	Massachusetts	02139	USA



DOCKET NO. 2478.1002-016

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Declaration for Patent Application

☒ [X] Supplemental (37 C.F.R. §1.67)

As a named inventor, I hereby declare that:

My residence, mailing address and citizenship are as stated next to my name;

I believe I am the original, first and sole inventor (if only one name is listed) or an original, first and joint inventor (if plural names are listed in the signatory page(s) commencing at page 2 hereof) of the subject matter which is claimed and for which a patent is sought on the invention entitled

MODULATORS OF TNF- α SIGNALING

the specification of which (check one)

- ☐ [] is attached hereto.
- ☒ [X] was filed on March 10, 2004 as United States Application Number 10/797,244.
- ☐ [] was filed on [PCT Filing Date] as PCT International Application No. [PCT Appl'n No.] [and assigned United States Application No. []].
- ☐ [] and was amended on [] (if applicable).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 C.F.R. §1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby expressly authorize the filing of an International Patent Application under the Patent Cooperation Treaty which corresponds to and claims the priority of the above-identified application.

I hereby claim foreign priority benefits under 35 U.S.C. 119 or 365 of any foreign application(s) for patent or inventor's certificate, or of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or of any PCT international application having a filing date before that of the application on which priority is claimed:

<u>Prior Foreign Application(s)</u>			Priority Not Claimed	Certified Copy Filed?	
				YES	NO
(Number)	(Country)	(Day/Month/Year filed)	<input type="checkbox"/> []	<input type="checkbox"/> []	<input type="checkbox"/> []
(Number)	(Country)	(Day/Month/Year filed)	<input type="checkbox"/> []	<input type="checkbox"/> []	<input type="checkbox"/> []
(Number)	(Country)	(Day/Month/Year filed)	<input type="checkbox"/> []	<input type="checkbox"/> []	<input type="checkbox"/> []

-2-

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole or first inventor <u>Scott F. Sneddon</u>			
Inventor's Signature _____			
Residence: City	State	Country	Citizenship
<u>Salem</u>	<u>Massachusetts</u>	<u>USA</u>	<u>USA</u>

Mailing Address (Business or Residential)			
Street or P.O. Box <u>38 Washington Square South</u>			
City	State	ZIP	Country
<u>Salem</u>	<u>Massachusetts</u>	<u>01970</u>	<u>USA</u>

Full name of second joint inventor, if any <u>John L. Kane</u>			
Inventor's Signature _____			
Residence: City	State	Country	Citizenship
<u>Maynard</u>	<u>Massachusetts</u>	<u>USA</u>	<u>USA</u>

Mailing Address (Business or Residential)			
Street or P.O. Box <u>10 O'Moore Avenue</u>			
City	State	ZIP	Country
<u>Maynard</u>	<u>Massachusetts</u>	<u>01754</u>	<u>USA</u>

Full name of third joint inventor, if any <u>Fred Vinick</u>			
Inventor's Signature _____			
Residence: City	State	Country	Citizenship
<u>Lexington</u>	<u>Massachusetts</u>	<u>USA</u>	<u>USA</u>

Mailing Address (Business or Residential)			
Street or P.O. Box <u>5 Litchfield Road</u>			
City	State	ZIP	Country
<u>Lexington</u>	<u>Massachusetts</u>	<u>02420</u>	<u>USA</u>

Full name of fourth joint inventor, if any <u>Sharon R. Nahill</u>			
Inventor's Signature <u>Sharon R. Nahill</u>			
Residence: City	State	Country	Citizenship
<u>Belmont</u>	<u>Massachusetts</u>	<u>USA</u>	<u>USA</u>

Mailing Address (Business or Residential)			
Street or P.O. Box <u>21 Vincent Avenue</u>			
City	State	ZIP	Country
<u>Belmont</u>	<u>Massachusetts</u>	<u>02478</u>	<u>USA</u>

Full name of fifth
joint inventor, if any John M. Williams

Inventor's Signature _____

Residence: City State Country Citizenship

Hopkinton	Massachusetts	USA	USA
-----------	---------------	-----	-----

Mailing Address (Business or Residential)

Street or P.O. Box 8 Stonegate Road

City	State	ZIP	Country
Hopkinton	Massachusetts	01748	USA

Full name of sixth
joint inventor, if any Hans-Peter Biemann

Inventor's Signature _____

Residence: City State Country Citizenship

Cambridge	Massachusetts	USA	USA
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Mailing Address (Business or Residential)

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Full name of seventh
joint inventor, if any Andrew Janjigian

Inventor's Signature _____

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(Number)	(Country)	(Day/Month/Year filed)		YES	NO
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Inventor's Signature _____			
Residence: City	State	Country	Citizenship
Salem	Massachusetts	USA	USA

Mailing Address (Business or Residential)			
Street or P.O. Box <u>38 Washington Square South</u>			
City	State	ZIP	Country
Salem	Massachusetts	01970	USA

Full name of second joint inventor, if any <u>John L. Kane</u>			
Inventor's Signature _____			
Residence: City	State	Country	Citizenship
Maynard	Massachusetts	USA	USA

Mailing Address (Business or Residential)			
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Maynard	Massachusetts	01754	USA

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Inventor's Signature _____			
Residence: City	State	Country	Citizenship
Lexington	Massachusetts	USA	USA

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Street or P.O. Box <u>5 Litchfield Road</u>			
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Lexington	Massachusetts	02420	USA

Full name of fourth joint inventor, if any <u>Sharon R. Nahill</u>			
Inventor's Signature _____			
Residence: City	State	Country	Citizenship
Belmont	Massachusetts	USA	USA

Mailing Address (Business or Residential)			
Street or P.O. Box <u>21 Vincent Avenue</u>			
City	State	ZIP	Country
Belmont	Massachusetts	02478	USA

-3-

Full name of fifth joint inventor, if any <u>John M. Williams</u>			
Inventor's Signature <u>John M. Williams</u>			
Residence: City	State	Country	Citizenship
Hopkinton	Massachusetts	USA	USA
Mailing Address (Business or Residential)			
Street or P.O. Box <u>8 Stonegate Road</u>			
City	State	ZIP	Country
Hopkinton	Massachusetts	01748	USA

Full name of sixth joint inventor, if any <u>Hans-Peter Bicmann</u>			
Inventor's Signature _____			
Residence: City	State	Country	Citizenship
Cambridge	Massachusetts	USA	USA
Mailing Address (Business or Residential)			
Street or P.O. Box <u>987 Memorial Drive, #572</u>			
City	State	ZIP	Country
Cambridge	Massachusetts	02138	USA

Full name of seventh joint inventor, if any <u>Andrew Janjigian</u>			
Inventor's Signature _____			
Residence: City	State	Country	Citizenship
Cambridge	Massachusetts	USA	USA
Mailing Address (Business or Residential)			
Street or P.O. Box <u>33 Lawrence Street, #2</u>			
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<u> </u>	<u> </u>	<u> </u>	[]	[]	[]
(Number)	(Country)	(Day/Month/Year filed)	[]	[]	[]
<u> </u>	<u> </u>	<u> </u>	[]	[]	[]
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Full name of third joint inventor, if any <u>Fred Vinick</u>			
Inventor's Signature _____			
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Full name of fourth joint inventor, if any <u>Sharon R. Nahill</u>			
Inventor's Signature _____			
Residence: City	State	Country	Citizenship
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-3-

Full name of fifth
joint inventor, if any John M. Williams

Inventor's Signature _____

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City	State	ZIP	Country
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Full name of sixth
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Inventor's Signature H.P. Biemann

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Inventor's Signature Andrew Janjigian

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